

Stray Creek Economic Summary
October 2019

A portion of the Purpose and Need for this project is to utilize timber outputs produced through forest management activities to support the economic structure of local communities and provide for regional social needs. This part of the purpose and need is in alignment with the “Idaho County Natural Resource Plan” in that, federally harvested timber that will contribute to the economic stability of the county (ICNRP, 2016). The values listed below in the following tables focus on the relative differences between alternatives and economic feasibility of each alternative. The analysis utilizes an estimate of volume harvested and the logging systems utilized to develop a monetary value for each alternative. The estimated volume harvested alone also relates to economic effects on the analysis area.

Economic analysis of this project in Table 1 shows the Proposed Action would be an economically feasible sale because it has a positive a PNV (Present Net Value). The No Action alternative would not generate any positive economic values nor have any costs associated with the NEPA decision, so its PNV would be zero.

Timber harvest operations have potential direct and indirect economic impacts as shown in Table 2. The Proposed Action would sustain forest product industry jobs, provide revenue to communities through wages and salaries, and revenue generated through sales of goods and services as shown in Table 3. In addition, the receipts from this project would contribute to the 25%-Fund, which Idaho County could choose to accept to provide funding for county roads and local school districts. A No Action alternative would not generate any revenue to communities either directly or indirectly, nor, would it support any jobs.

Table 1: Predicted Stumpage and Net Present Value under each Alternative

Alt	Volume CCF	Volume MBF	Appraised Total ¹	Reforestation ²	Implementation ³	Present Net Value
No Action	0	0	\$ -	\$ -	\$ -	\$ -
Proposed Action	19,080	10,494	\$ 2,008,000	\$ 218,000	\$ 49,000	\$ 1,741,000

1/ Appraised value predicted high bid includes skid trail decom and road costs associated with the harvest.

2/ Reforestation costs include site preparation burning and planting costs with overhead.

3/ Implementation costs include presale, engineering and administration costs. NEPA costs are not included in this cost total.

Table 2: Economic Results per Million Board Feet of Timber Harvested

Forest product Industry Jobs Sustained ¹	22 jobs per 1.0 MMBF
Revenue to Communities Through Wages and Salaries ²	\$667,000 per 1.0 MMBF
Revenue to Communities Through Sales of Goods and Services ²	\$3,850,000 per 1.0 MMBF

1/Source: University of Idaho, CNR, “Economic Contributions of Idaho’s Forest Products Industry 2017.”

2/Source: Cook, et al. “Idaho’s Forest Products Industry Current Conditions and 2016 Forecast.”

Table 3: Timber Harvest Jobs and Income for No Action and Proposed Action

Alt	VOL (MMBF)	FTE Jobs Sustained	Revenue to Communities thru Wages (rounded)	Revenue thru Goods and Services (rounded)
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No Action	0	0	0	0
Proposed Action	10.5	231	\$7,004,000	\$40,425,000